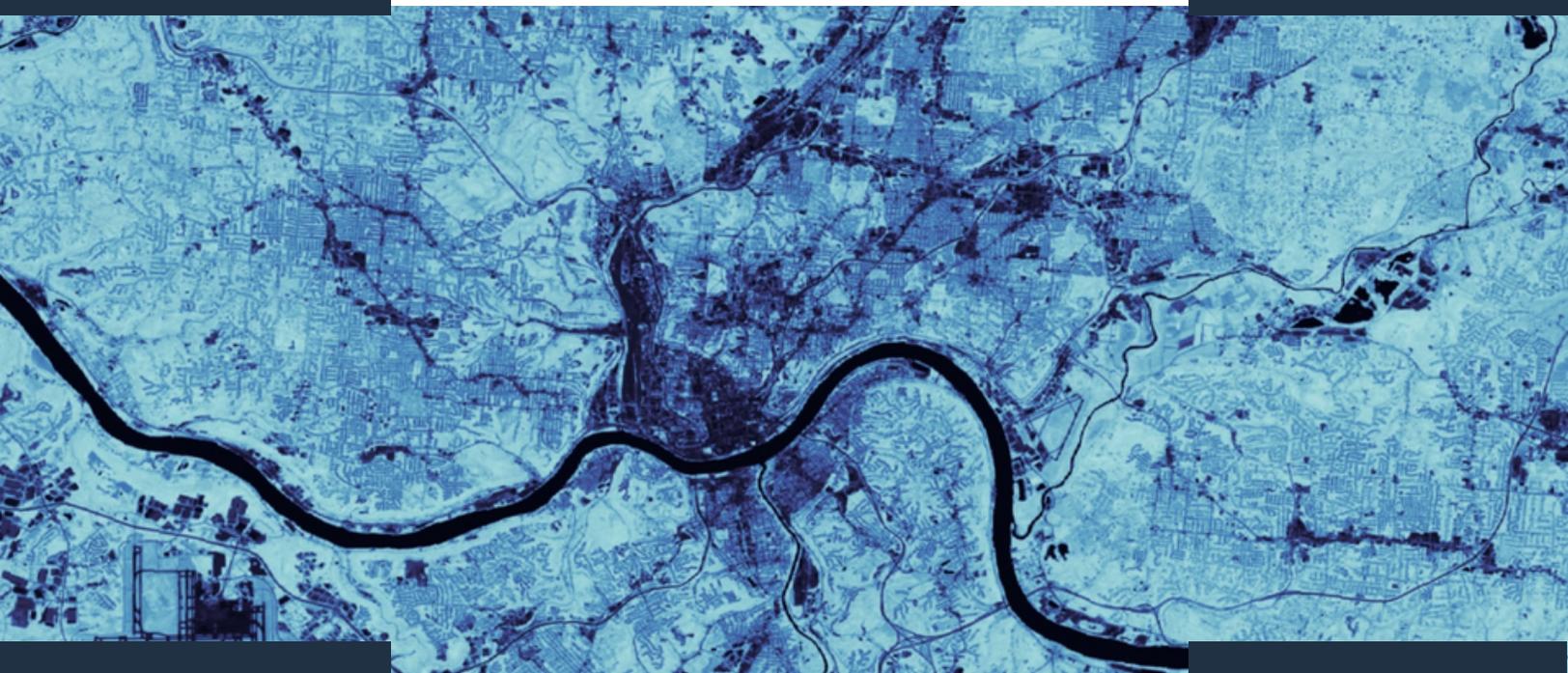


## &gt;&gt;&gt; NEWSLETTER &lt;&lt;&lt;

NASA Equity &amp; Environmental Justice

**EEJ NEWS****INTRODUCTION TO EEJ****The Equity and Environmental Justice Program (EEJ)**

NASA's EEJ program helps ensure Earth data can benefit everyone, regardless of race, color, national origin or income. We help communities across the U.S. and around the globe make informed decisions about issues affecting them. The program also builds new partnerships to support community outreach, training, and information and tools that use Earth observations. We aim to create opportunities for people to get involved with Earth observations. This amplifies the power held by citizens to inform and protect their communities.

The EEJ program aims to advance progress on equity and environmental justice. One part of this effort is to help build the community of practice around the application of Earth science information to inform action in EJ communities by monitoring and measuring environmental factors. This newsletter is one of the program's strategic communication efforts for engaging those working in the space. It will continue to evolve, so please share your thoughts for what information is useful to you!



2023 Fall  
EEJ  
Interns

## INTERN SPOTLIGHTS: NASA'S EQUITY AND ENVIRONMENTAL JUSTICE (EEJ) 2023 FALL INTERN TEAM

The EEJ Intern Spotlights have been published to the EEJ website! Let's welcome, Nati, Kendall, Kameron, Theodore, and Molly! Want to learn more about the fall intern team? Learn about their backgrounds, what drew them to intern for NASA, their favorite part about the internship experience, goals they have with their involvement in various projects, as well as their hobbies! Read [HERE](#).

## WELCOMING DR. MICHELLE HAWKINS

Let us welcome Dr. Michelle Hawkins to the EEJ team in her new role as Program Manager for Climate Resilience and Community Action within Earth Action! In addition to building out Earth Action's Climate Resilience efforts, Dr. Hawkins will lead Earth Action's Equity and Environmental Justice (EEJ) efforts, the Indigenous Peoples Initiative, as well as Prizes and Challenges. Dr. Hawkins will work alongside Owen through December, at which point he will transition out of the EEJ Program Manager role.

"I'm excited to be joining the EEJ team! The passion and commitment of this team is inspiring and contagious. I look forward to the work we will do together to advance equity and justice for the communities we serve." - Dr. Michelle Hawkins.



## UPCOMING EVENTS



### NASA Equity and Environmental Justice Webinar Series

Join us for a monthly casual opportunity to learn about EJ at NASA!

### UPCOMING WEBINAR NASA Equity and Environmental Justice Webinar Series

Date: October 31, 2023. 4:00-5:00 PM ET. Online.

Join us for the second session of our monthly webinar series which aims to strengthen our NASA Equity and Environmental Justice (EEJ) community of practice! EEJ PIs (Principal Investigators) will share their project highlights along with their progress. The webinar series will also encourage collaborations between each of the different PIs and feature exciting initiatives happening across NASA's Capacity Building Program. This session will focus on topics related to health and air quality for EJ, with special guests from Earth Action and the HAQAST team! Register [HERE](#).

## EJ EVENT CHALLENGE

### GAIA4All Indigenous Hackathon

Dates: October 28-29, 2023. Online.

"Gaia4All: Indigenous Hackathon for Global Early Warning" is a groundbreaking, Indigenous-led innovation challenge committed to contributing to the overarching UN goal of providing effective early warning systems for storms, floods, droughts, and heatwaves in all parts of the world by 2027. With climate change impacts escalating, timely early warnings have become a pressing need to safeguard lives and livelihoods. Join us in this audacious journey to harness the collective intelligence of the crowd to strengthen global resilience, protect lives, and foster sustainable futures. Register [HERE](#).

### GAIA4ALL INDIGENOUS HACKATHON FOR GLOBAL EARLY WARNING

October 28-29, 2023 [diana@space4innovation.com](mailto:diana@space4innovation.com)

## GIS Day

### Celebrating the GIS Professional

Save the date for November 15, 2023

Register an event

## UPCOMING PRESENTATION

### GIS Day: Celebrating the GIS Professional

Date: November 15, 2023.

GIS helps us analyze Earth information, inform decision-making, and create a positive impact. Let us discover, celebrate, and explore all things GIS! This is an exciting opportunity to showcase GIS' many uses to your community and to spread enthusiasm for the technology, its mapping tools, and the sense of place that geolocation gives us. Sign up to host an event for GIS Day 2023. Register an event [HERE](#).



# UPCOMING CONFERENCES



**GEO INDIGENOUS WATER SUMMIT**  
October 25-27 2023

## GEO INDIGENOUS WATER SUMMIT

Dates: October 25-27, 2023. Online.

The GEO Indigenous Alliance is pleased to announce the GEO Indigenous Water Summit 2023. Building on the tremendous success of the GEO Indigenous Summit 2020, which brought together Indigenous leaders, NGOs, Indigenous youth, academics and UN institutes to discuss Indigenous-led innovations in Earth observations, this year's Summit aims to deepen the exploration of water conservation and sustainability. In line with the United Nations' Declaration of 2023 as the Year of Water, the Summit will provide a platform to showcase Indigenous Earth observation innovations that address water issues and highlight the role of Indigenous knowledge in building a sustainable future. Register [HERE](#).

## APHA 2023 ANNUAL MEETING & EXPO

Dates: November 12-15, 2023, Georgia World Congress Center in Atlanta (285 Andrew Young International Blvd NW). Digital meeting November 9-15, 2023. Online.



**APHA 2023**  
ANNUAL MEETING & EXPO  
ATLANTA | NOV. 12 - 15  
CREATING THE HEALTHIEST NATION  
OVERCOMING SOCIAL & ETHICAL CHALLENGES

ENGAGE, COLLABORATE, GROW

APHA's 2023 Annual Meeting and Expo is the premier public health event of the year offering innovative and exciting opportunities to help you reach your personal and professional goals. Engage with public health experts, collaborate with other advocates, and grow professionally. Whether you join in-person or online, you'll engage, collaborate, and grow by attending your pick of over 1,000 scientific presentations, participating in fun social activities, and have the chance to meet sponsors and exhibitors in the Public Health Expo. Registration ends November 11th. Register [HERE](#).

## NCL CITY SUMMIT ATLANTA

Dates: November 16-18, 2023. Atlanta, Georgia



Join the National League of Cities (NLC) in Atlanta, GA for City Summit, the most dynamic conference for municipal staff and officials. Connect with local leader, peers from across the country, policy experts, and industry professionals to gain knowledge and expand your network. City Summit is an incredible opportunity to make new connections, access resources, and gain knowledge that will help you and your municipality thrive. Explore our list of conference workshops being planned for City Summit. Please note that all workshops are subject to change. Register [HERE](#).

## 2023 UN CLIMATE CHANGE CONFERENCE (UNFCCC COP 28)

Dates: November 30th - December 12th, 2023. Dubai, United Arab Emirates (UAE)

The conference will comprise, the 28th meeting of the Conference of the Parties (COP 28), the fifth meeting of the COP serving as the Meeting of the Parties to the Paris Agreement (CMA 5), the 18th meeting of the COP serving as the Meeting of the Parties to the Kyoto Protocol (CMP 18), the 59th meeting of the Subsidiary Body for Implementation (SBI 59); and the 59th meeting of the Subsidiary Body for Scientific and Technological Advice (SBSTA 59). Learn more [HERE](#).

30 NOVEMBER - 12 DECEMBER 2023  
Dubai, United Arab Emirates



**2023 UN Climate Change Conference (UNFCCC COP 28)**



# PROJECT HIGHLIGHTS



**EO-Enabled Food Security Dashboard to Close Critical Data Gaps in Highly Food Insecure Maui County**

## EO-Enabled Food Security Dashboard to Close Critical Data Gaps in Highly Food Insecure Maui County

Team: Dr. Hannah Kerner (Arizona State University), Catherine Nakalembe (University of Maryland), Ivan Zvonkov (Arizona State University), Gabriel Tseng (McGill University)

An EEJ landscape analysis examining high food costs and food insecurity concerns, which disproportionately impacts low-income residents of Maui County in Hawaii. Communities are particularly vulnerable to food shortages due to a high dependence on agricultural imports. The objective of this project is to create new datasets for measuring and monitoring agricultural production in Maui County, using EO data to integrate these results with other relevant datasets to inform action and decision-making. Read more [HERE](#).

## Identifying Temperature Disparities, Energy Insecurity, and Social Vulnerability For Energy Justice in New York State

Team: Daniel Carrión (Yale School of Public Health), Anna Stouffer (Yale School of Public Health), Weixi Wu (Yale School of Public Health/Yale School of the Environment), Ruth Ann Norton (Green & Healthy Homes Initiative), Brendan Brown (Green & Healthy Homes Initiative), Isabel Shargo (Green & Healthy Homes Initiative)

An EEJ landscape analysis seeking to address heat and energy-usage disparities within neighborhoods in New York State, since increasing temperatures are not experienced evenly across geographies. Communities of color disproportionately experience higher summertime temperatures. The objective is to use EO to create the Temperature and Energy Justice Mapping (TEJM) tool to inform environmental and energy justice in New York State. This scalable tool will help stakeholders identify areas experiencing temperature disparities and energy insecurity. Read more [HERE](#).



## 2023 ArcGIS StoryMaps Competition



The competition closes on October 27, 2023.

## EJ COMPETITION

### 2023 ArcGIS Storymaps Competition

Esri and the International Union for Conservation of Nature (IUCN) are pleased to announce the 2023 ArcGIS StoryMaps Competition, which focuses on the restoration and conservation of the earth's lands and waters. The 2023 ArcGIS StoryMaps Competition invites storytellers to share their stories. Story submissions should cover at least one of the following topics, locally led conservation, conservation of freshwater and ocean habitats, conservation of land, natural resources, and wildlife corridors, data and innovative technology for management and monitoring, conservation-related science and research, tourism, nature-based education, and outdoor opportunities, current threats to the health of lands, waterways, and wildlife, protected areas, areas conserved, governed, and managed by Indigenous peoples, and areas that may be considered as "other effective area-based conservation measures" (OECMs). More details about this exciting opportunity, deadlines, and how to apply can be found [HERE](#).

## EJ COMMUNITY NEWS

### HHS Launches Environmental Justice Community Innovator Challenge

The U.S Department of Health and Human Services (HHS) has launched a nationwide challenge with the aim of uplifting underrepresented communities facing the adverse affects of climate injustices. This challenge aims to address health inequities and supports President Biden's Justice40 initiative by taking the necessary steps to advance climate health. The challenge occurs in two phases with prizes of up to \$1,000,000. Entries for Phase 1 will be accepted until January 30, 2024. Learn more [HERE](#).

### HHS Environmental Justice Community Innovator Challenge



Broadening the use of & access to NASA data and tools for tribal food, water, and energy priorities

CALL FOR PARTICIPANTS

NASA UNBOUND for food, water, and energy in tribal communities

### NASA UNBOUND: Broadening the Use & Access to NASA Data and Tools for Tribal Food, Water, and Energy Priorities

Community ground observations paired with remote sensing data can provide tribal organizations and colleges with resources and tools needed to confront climate challenges and plan for resilient futures. NASA has incredibly rich and free data that can be used in planning for climate change; however, access to, and use of this data can be challenging. Join in for a four-part online UNBOUND workshop series for participants to identify challenges and opportunities for improving accessibility and usability of NASA data tools for tribal food, water, and energy applications and priorities. Applications are due November 8th, 2023. Learn more and Apply [HERE](#).

## EXTERNAL RESOURCES

### Racial and Environmental Justice Resources

By: College of Saint Benedict & Saint Johns University, Related Article

### Resources for Creating Healthy, Equitable, Sustainable Communities

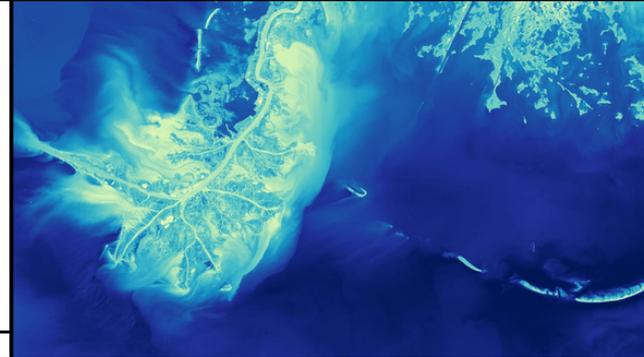
By: Environmental Protection Agency (EPA), Related Article

### Environmental Justice Resources for Educators & Students

By: California Coastal Commission, Related Resource

### How to Collaborate for Environmental Justice | Katharine Morris

By: TEDxTalks, Youtube



## CONTACT US:

### EEJ Program Manager

R. Owen Hooks | richard.o.hooks@nasa.gov

### Capacity Building Program Support

Sydney Neugebauer | sydney.e.neugebauer@nasa.gov

### Community Action Program Manager

Michelle Hawkins | michelle.hawkins@nasa.gov

Visit Our Website:  
[Equity and Environmental Justice Program](#)

Was this forwarded to you?

[Subscribe here!](#)

Unsubscribe at any time by emailing [sydney.e.neugebauer@nasa.gov](mailto:sydney.e.neugebauer@nasa.gov)